

IN THE CLAIMS:

Please amend the claims as follows.

Claims 1-18 (Canceled)

Claim 19 (Currently Amended): An information recording apparatus for recording information on an information recording medium, comprising:

a detecting device which detects a division timing in the recording information;

a recording device which records former part recording information which is the recording information before the division timing and latter part recording information which is the recording information after the division timing, on the information recording medium; and

a generating device which generates control information including former control information corresponding to the former part recording information and latter control information corresponding to the latter part recording information,

wherein the recording device records the control information on the information recording medium, and

wherein the control information further includes former pointer information indicating a location of the former control information and latter pointer information indicating a location of the latter control information.

Claim 20 (Previously Presented): The apparatus according to claim 19, wherein the recording information includes at least one information object corresponding to one continuous recording, and

wherein the former part recording information and latter part recording information are recorded as separate information objects.

Claim 21 (Previously Presented): The apparatus according to claim 20, wherein each information object includes at least one information cell, and

wherein the former control information includes a reproduction start time information of the information cell in the former part recording information and the latter control information includes a reproduction start time information of the information cell in the latter part recording information.

Claim 22 (Canceled).

Claim 23 (Previously Presented): The apparatus according to claim 20, wherein the generating device further generates object information table includes address information and time information indicating a start time and end time of each information object,

wherein the object information table is recorded as separate information from the control information.

Claim 24 (Previously Presented): The apparatus according to claim 19, wherein the detecting device detects the division timing in response to a user's operation.

Claim 25 (Previously Presented): The apparatus according to claim 19, wherein the recording information includes audio information, and

wherein the detecting device detects a silent portion in the audio information as the division timing.

Claim 26 (Previously Presented): The apparatus according to claim 19, wherein the detecting device detects boundary information in the recording information as the division timing.

Claim 27 (Currently Amended): An information editing apparatus for editing recording information recorded on an information recording medium, comprising:

a detecting device which detects a division timing in the recording information, ~~and~~
a generating device which generates control information including former control information corresponding to the former part recording information which is the recording information before the division timing and latter control information corresponding to the latter part recording information which is the recording information after the division timing, and
a recording information recording/reading device which records the recording information on the information recording medium and reads the recording information from the information recording medium,

wherein the recording information recording/reading device records the control information generated by the generating device on the information recording medium, and

wherein the control information further includes former pointer information indicating a location of the former control information and latter pointer information indicating a location of the latter control information.

Claim 28 (Previously Presented): The apparatus according to claim 27, further comprising a recording device which records the control information on the information recording medium.

Claim 29 (Previously Presented): The apparatus according to claim 27, wherein the recording information includes at least one information object corresponding to one continuous recording, and

wherein the former part recording information and latter part recording information are defined as separate information objects.

Claim 30 (Previously Presented): The apparatus according to claim 29, wherein each information object includes at least one information cell, and

wherein the former control information includes a reproduction start time information of the information cell in the former part recording information and the latter control information includes a reproduction start time information of the information cell in the latter part recording information.

Claim 31 (Canceled).

Claim 32 (Previously Presented): The apparatus according to claim 29, wherein the generating device further generates object information table as separate information from the control information, which includes address information and time information indicating a start time and end time of each information object.

Claim 33 (Previously Presented): The apparatus according to claim 27, wherein the detecting device detects the division timing in response to a user's operation.

Claim 34 (Previously Presented): The apparatus according to claim 27, wherein the recording information includes audio information, and

wherein the detecting device detects a silent portion in the audio information as the division timing.

Claim 35 (Previously Presented): The apparatus according to claim 27, wherein the detecting device detects boundary information in the recording information as the division timing.

Claim 36 (Currently Amended): An information recording method of recording information on an information recording medium, comprising the processes of:

detecting a division timing in the recording information;

recording former part recording information which is the recording information before the division timing and latter part recording information which is the recording information after the division timing, on the information recording medium; and

generating control information including former control information corresponding to the former part recording information and latter control information corresponding to the latter part recording information,

wherein the process of recording records the control information on the information recording medium, and

wherein the control information further includes former pointer information indicating a location of the former control information and latter pointer information indicating a location of the latter control information.

Claim 37 (Previously Presented): The method according to claim 36, wherein the recording information includes at least one information object corresponding to one continuous recording, and

wherein the former part recording information and latter part recording information are recorded as separate information objects.

Claim 38 (Previously Presented): The method according to claim 37, wherein each information object includes at least one information cell, and

wherein the former control information includes a reproduction start time information of the information cell in the former part recording information and the latter control information includes a reproduction start time information of the information cell in the latter part recording information.

Claim 39 (Canceled).

Claim 40 (Previously Presented): The method according to claim 37, wherein the process of generating further generates object information table includes address information and time information indicating a start time and end time of each information object,

wherein the object information table is recorded as separate information from the control information.

Claim 41 (Previously Presented): The method according to claim 36, wherein the process of detecting detects the division timing in response to a user's operation.

Claim 42 (Previously Presented): The method according to claim 36, wherein the recording information includes audio information, and

wherein the process of detecting detects a silent portion in the audio information as the division timing.

Claim 43 (Previously Presented): The method according to claim 36, wherein the process of detecting detects boundary information in the recording information as the division timing.

Claim 44 (Currently Amended): An information editing method of editing recording information recorded on an information recording medium, comprising the processes of:

detecting a division timing in the recording information, and
generating control information including former control information corresponding to the former part recording information which is the recording information before the division timing

and latter control information corresponding to the latter part recording information which is the recording information after the division timing, and

recording the recording information on the information recording medium, and reading the recording information from the information recording medium,

wherein the process of recording information records the control information generated by the process of generating on the information recording medium, and

wherein the control information further includes former pointer information indicating a location of the former control information and latter pointer information indicating a location of the latter control information.

Claim 45 (Previously Presented): The method according to claim 44, further comprising the process of recording the control information on the information recording medium.

Claim 46 (Previously Presented): The method according to claim 44, wherein the recording information includes at least one information object corresponding to one continuous recording, and

wherein the former part recording information and latter part recording information are defined as separate information objects.

Claim 47 (Previously Presented): The method according to claim 46, wherein each information object includes at least one information cell, and

wherein the former control information includes a reproduction start time information of the information cell in the former part recording information and the latter control information

includes a reproduction start time information of the information cell in the latter part recording information.

Claim 48 (Canceled).

Claim 49 (Previously Presented): The method according to claim 46, wherein the process of generating further generates object information table as separate information from the control information, which includes address information and time information indicating a start time and end time of each information object.

Claim 50 (Previously Presented): The method according to claim 44, wherein the process of detecting detects the division timing in response to a user's operation.

Claim 51 (Previously Presented): The method according to claim 44, wherein the recording information includes audio information, and

wherein the process of detecting detects a silent portion in the audio information as the division timing.

Claim 52 (Previously Presented): The method according to claim 44, wherein the process of detecting detects boundary information in the recording information as the division timing.

Claim 53 (New): The information recording apparatus according to claim 19, wherein the recording device records the recording information and the control

information on the information recording medium, the control information being for reproducing the recording information as a second logical unit including at least one first logical unit indicating a predetermined recording information,

wherein the generating device generates the former control information and the latter control information, the former control information being for reproducing the former part recording information corresponding to recording information before the division timing as the second logical unit, the latter control information being for the latter part recording information corresponding to recording information after the division timing as the second logical unit, and

wherein the generating device generates the control information by dividing the first logical unit at the division timing.

Claim 54 (New): The information editing apparatus according to claim 27,

wherein the recording information recording/reading device records the recording information and the control information on the information recording medium, the control information being for reproducing the recording information as a second logical unit including at least one first logical unit indicating a predetermined recording information,

wherein the generating device generates the former control information and the latter control information, the former control information being for reproducing the former part recording information corresponding to recording information before the division timing as the second logical unit, the latter control information being for the latter part recording information corresponding to recording information after the division timing as the second logical unit, and

wherein the generating device generates the control information by dividing the first logical unit at the division timing.

Claim 55 (New): The information recording method according to claim 36,
wherein the process of recording records the recording information and the control information on the information recording medium, the control information being for reproducing the recording information as a second logical unit including at least one first logical unit indicating a predetermined recording information,

wherein the process of generating generates the former control information and the latter control information, the former control information being for reproducing the former part recording information corresponding to recording information before the division timing as the second logical unit, the latter control information being for the latter part recording information corresponding to recording information after the division timing as the second logical unit, and

wherein the process of generating generates the control information by dividing the first logical unit at the division timing.

Claim 56 (New): The information editing method according to claim 36,
wherein the process of recording records the recording information and the control information on the information recording medium, the control information being for reproducing the recording information as a second logical unit including at least one first logical unit indicating a predetermined recording information,

wherein the process of generating generates the former control information and the latter control information, the former control information being for reproducing the former part recording information corresponding to recording information before the division timing as the

second logical unit, the latter control information being for the latter part recording information corresponding to recording information after the division timing as the second logical unit, and

wherein the process of generating generates the control information by dividing the first logical unit at the division timing.